RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/508,159_

Source: _PCT/10_

Date Processed by STIC: _9/29/04_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual - ePAVE)**
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (**EFFECTIVE 06/05/04**):
   U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: _10/508,759_

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

·2____ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

·3____ Misaligned.Amino Numbering — The numbering under each.5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4____ Non-ASCII — The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5____ Variable Length — Sequence(s)____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7____ Skipped Sequences (OLD RULES) — Sequence(s) _____. missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown).
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8____ Skipped Sequences (NEW RULES) — Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9____ Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10____ Invalid <213> Response — Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11____ Use of <220> — Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12____ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____ Misuse of n/Xaa — "n" can only represent a single <u>nucleotide</u>; "Xaa" can only represent a single <u>amino acid</u>

PCT

RAW SEQUENCE LISTING   DATE: 09/29/2004
PATENT APPLICATION: US/10/508,759   TIME: 16:59:56

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          Output Set: N:\CRF4\09292004\J508759.raw

     3 <110> APPLICANT: APROGEN INC.
     5 <120> TITLE OF INVENTION: HUMANIZED ANTIBODY AND PROCESS FOR PREPARING SAME
     7 <130> FILE REFERENCE: PCA30215/APG
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/508,759
C--> 9 <141> CURRENT FILING DATE: 2004-09-22
     9 <150> PRIOR APPLICATION NUMBER: KR10-2002-0015708
    10 <151> PRIOR FILING DATE: 2002-03-22
    12 <160> NUMBER OF SEQ ID NOS: 38
    14 <170> SOFTWARE: KopatentIn 1.71
    16 <210> SEQ ID NO: 1
    17 <211> LENGTH: 345
    18 <212> TYPE: DNA
    19 <213> ORGANISM: Artificial Sequence
    21 <220> FEATURE:
    22 <223> OTHER INFORMATION: HEAVY CHAIN of HZVII
    24 <400> SEQUENCE: 1
    25 caggtccagc tggtgcagtc tggagctgaa gtgaagaagc ctggggcctc agtgaaggtt   60
    27 tcctgcaaag cttctggcta caccttcacc agtgcttgga tgaactgggt gcgacaggcc   120
    29 cctggacagg gtcttgagtg gatgggacgg atttatccta gtggtggaag cactagctac   180
    31 gcacagaagt tccagggcag agtcacaatg actgcagaca atccacgag cacagtctac   240
    33 atggagctca gcagcctgag atctgaggac acggcggtgt attactgtgc aagagagtac   300
    35 cgggttgccc gttggggcca aggaactctg gtcactgtct cttca   345
    38 <210> SEQ ID NO: 2
    39 <211> LENGTH: 115
    40 <212> TYPE: PRT
    41 <213> ORGANISM: Artificial Sequence
    43 <220> FEATURE:
    44 <223> OTHER INFORMATION: HEAVY CHAIN of HZVII
    47 <400> SEQUENCE: 2
    48 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Ala Pro Gly Ala
    49   1   5   10   15
    51 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Ala
    52   20   25   30
    54 Trp Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
    55   35   40   45
    57 Gly Arg Ile Tyr Pro Ser Gly Gly Ser Thr Ser Tyr Ala Gln Lys Phe
    58   50   55   60
    60 Gln Gly Arg Val Thr Met Thr Ala Asp Lys Ser Thr Ser Thr Val Tyr
    61   65   70   75   80
    63 Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
    64   85   90   95
    66 Ala Arg Glu Tyr Arg Val Ala Arg Trp Gly Gln Gly Thr Leu Val Thr
    67   100   105   110

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 69 Val Ser Ala
 70           115
 73 <210> SEQ ID NO: 3
 74 <211> LENGTH: 336
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: LIGHT CHAIN of (HZVII)
 82 <400> SEQUENCE: 3
 83 gatatcgtga tgacccaaac tccactttct tgtcggtta ccccctggaca accagcctct      60
 85 atctcttgca agtcaagtca gagcctctta tatagtaatg gaaaaaccta tttgaattgg     120
 87 ttattacaga agccaggcca gcctccacag cgcctaatct atctggtgtc taatcgggac     180
 89 tctggagtcc ctgacaggtt cagtggcagt ggatcaggaa cagatttac actgaaaatc      240
 91 agcagagtgg aggctgagga tgttggagtt tattactgcg tgcaaggtac acattttcct     300
 93 cagacgttcg gtggaggcac caaggtggaa atcaaa                               336
 96 <210> SEQ ID NO: 4
 97 <211> LENGTH: 112
 98 <212> TYPE: PRT
 99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: LIGHT CHAIN of (HZVII)
105 <400> SEQUENCE: 4
106 Asp Ile Val Met Thr Gln Thr Pro Leu Ser Leu Ser Val Thr Pro Gly
107   1               5                  10                  15
109 Gln Pro Ala Ser Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu Tyr Ser
110           20                  25                  30
112 Asn Gly Lys Thr Tyr Leu Asn Trp Leu Leu Gln Lys Pro Gly Gln Pro
113           35                  40                  45
115 Pro Gln Arg Leu Ile Tyr Leu Val Ser Asn Arg Asp Ser Gly Val Pro
116       50                  55                  60
118 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
119  65                  70                  75                  80
121 Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Val Gln Gly
122                  85                  90                  95
124 Thr His Phe Pro Gln Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
125               100                 105                 110
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131 <211> LENGTH: 26
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
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136 <223> OTHER INFORMATION: (Ryu94)
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140 gagaattcac attcacgatg tacttg                                          26
143 <210> SEQ ID NO: 6
144 <211> LENGTH: 33
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/508,759

DATE: 09/29/2004

TIME: 16:59:56

Input Set : A:\30215APG_SEQ.txt

Output Set: N:\CRF4\09292004\J508759.raw

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149 <223> OTHER INFORMATION: HUR43-1
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157 <211> LENGTH: 33
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: HUR44-1
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166 caggtccagc tgcagcagtc tggacctgaa ctg                          33
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171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: HUR45-1
178 <400> SEQUENCE: 8
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183 <211> LENGTH: 33
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: HUR46-1
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197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: HUR31
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205 cagcggccgc tcatttaccc ggggacag                               28
208 <210> SEQ ID NO: 11
209 <211> LENGTH: 26
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Ryu86
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222 <211> LENGTH: 27
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: HUR48
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231 caagatatcc ccacaggtac cagatac                                    27
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236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
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240 <223> OTHER INFORMATION: HUR49
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248 <211> LENGTH: 27
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: HUR50
256 <400> SEQUENCE: 14
257 cacagatctt ttgatttcca gcttggt                                    27
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261 <211> LENGTH: 27
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: HUR51
269 <400> SEQUENCE: 15
270 atcaaaagat ctgtggctgc accatct                                    27
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274 <211> LENGTH: 58
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: CK1D
282 <400> SEQUENCE: 16
283 gcgccgtcta gaattaacac tctcccctgt tgaagctctt tgtgacgggc gaactcag    58
286 <210> SEQ ID NO: 17
287 <211> LENGTH: 27
288 <212> TYPE: DNA
289 <213> ORGANISM: Artificial Sequence
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295 <400> SEQUENCE: 17
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301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: YM003
308 <400> SEQUENCE: 18
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314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
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326 <211> LENGTH: 31
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION( YM258 )
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335 atccaagaag cactgaatgc gtagccagaa g                             31
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340 <212> TYPE: DNA
341 <213> ORGANISM: Artificial Sequence
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351 <210> SEQ ID NO: 22
352 <211> LENGTH: 32
353 <212> TYPE: DNA
354 <213> ORGANISM: Artificial Sequence
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366 <212> TYPE: DNA
367 <213> ORGANISM: Artificial Sequence
369 <220> FEATURE:
370 <223> OTHER INFORMATION: Ryu 166
373 <400> SEQUENCE: 23
374 ggatttgtct gcagtcattg tggctctgcc ctggaactt                    39
377 <210> SEQ ID NO: 24
378 <211> LENGTH: 27
379 <212> TYPE: DNA
380 <213> ORGANISM: Artificial Sequence
382 <220> FEATURE:
383 <223> OTHER INFORMATION: Hur 37
386 <400> SEQUENCE: 24
387 gacaaatcca cgagcacagt ctacatg                                 27
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Please correct this type of error in subsequent sequences.

VERIFICATION SUMMARY   DATE: 09/29/2004
PATENT APPLICATION: US/10/508,759   TIME: 16:59:57

Input Set : **A:\30215APG_SEQ.txt**
Output Set: **N:\CRF4\09292004\J508759.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date